

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/37450

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F23D 11/16

US CL : 239/422, 423, 426, 428, 429, 418, 597, 599, 492, 400

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 239/422, 423, 426, 428, 429, 418, 597, 599, 492, 400

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,361,285 A (KOPPEHELE et al) 30 NOVEMBER 1982 (30.11.1982). See the entire document.	1, 2, 4-7, 9, 11-14, 23-27, 36-38
Y		15-22, 28-35
A	US 5,565,241 A (MATHIAS et al) 15 OCTOBER 1996 (15.10.1996). See the entire document.	1-38

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

12 April 2005 (12.04.2005)

Date of mailing of the international search report

11 MAY 2005

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